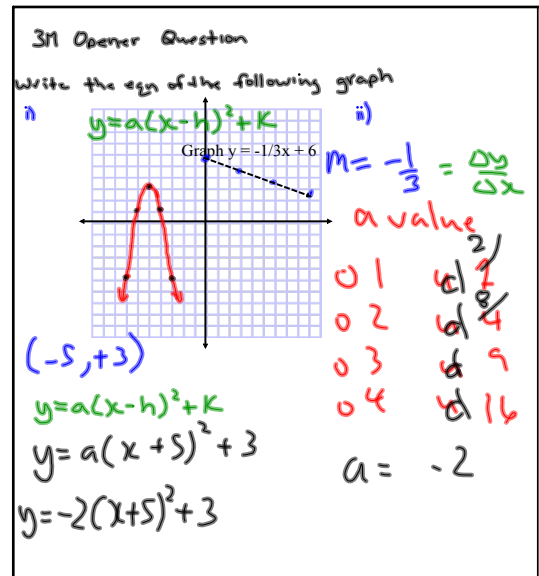
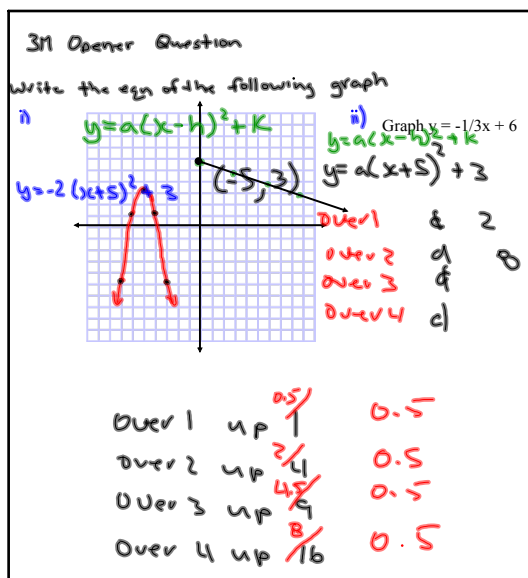


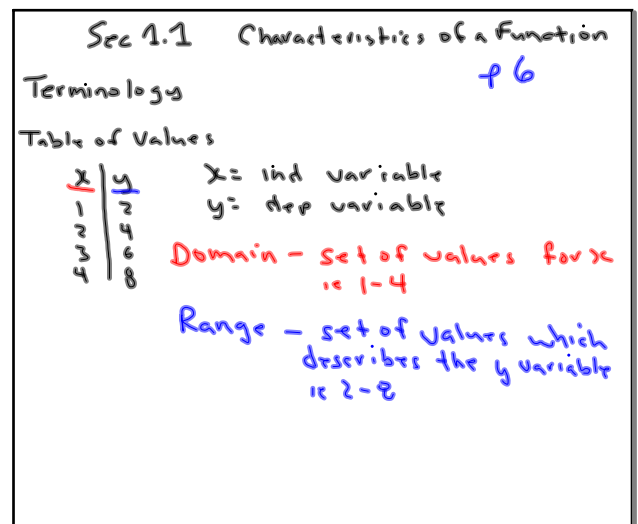
Feb 4-7:51 AM



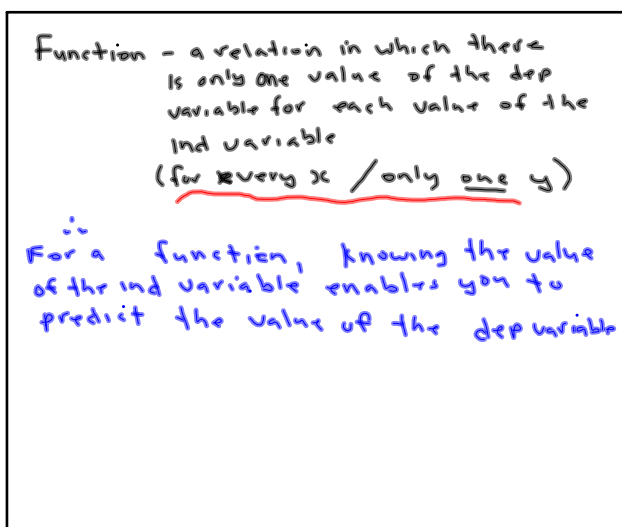
Feb 4-7:51 AM



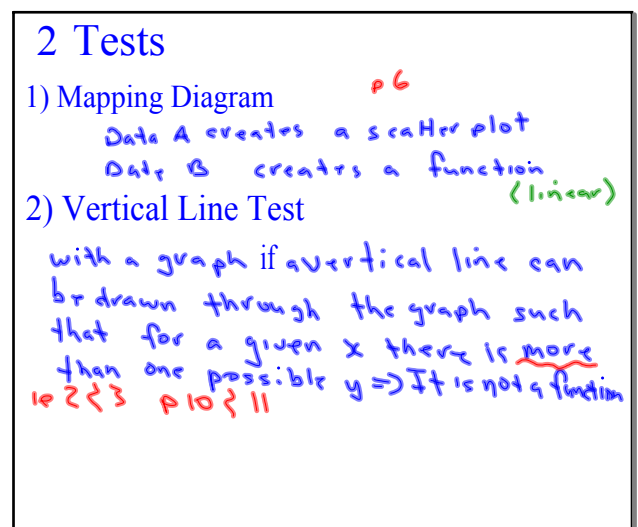
Feb 4-7:51 AM



Feb 4-1:55 PM



Feb 4-1:59 PM



Feb 4-2:03 PM

Representing Functions

\mathbb{R} = real numbers (set of all decimals positive, negative or 0 terminating or non terminating)
 \mathbb{W} = whole numbers (does not include 0)

Domain & Range of a function

Feb 4-2:16 PM

Stating Domain - x variable

$$D = \{x \in \mathbb{R} \mid x \neq 0\}$$

x (is a member of) the set of Real #s
 \mathbb{R}

such that x is not equal to 0
 \neq

i.e. Example 3 a) p 11

Feb 4-2:26 PM

Range

$$R = \{y \in \mathbb{R} \mid 1 \leq y \leq 8.5\}$$

y is a member of real numbers

Such that y is greater than or equal to 1 but less than or equal to 8.5.

p 13-16

2-4, 6-8, 10, 11, 15, 16

Feb 4-2:30 PM

6 a)

$$D = \{x \in \mathbb{R} \mid 0 \leq x \leq 4\}$$

$$R = \{y \in \mathbb{W} \mid 2 \leq y \leq 10\}$$

b) not a function

c) not a function

$$d) D = \{x \in \mathbb{W} \mid 2 \leq x \leq 10\}$$

$$R = \{y \in \mathbb{W} \mid y = 13\}$$

$$7a) D = \{x \in \mathbb{R}\}$$

$$R = \{y \in \mathbb{R} \mid 1 \leq y\}$$

Sep 6-9:17 AM

$$D = \{x \in \mathbb{W} \mid 2 \leq x \leq 6, x \neq 2, x \neq 5\}$$

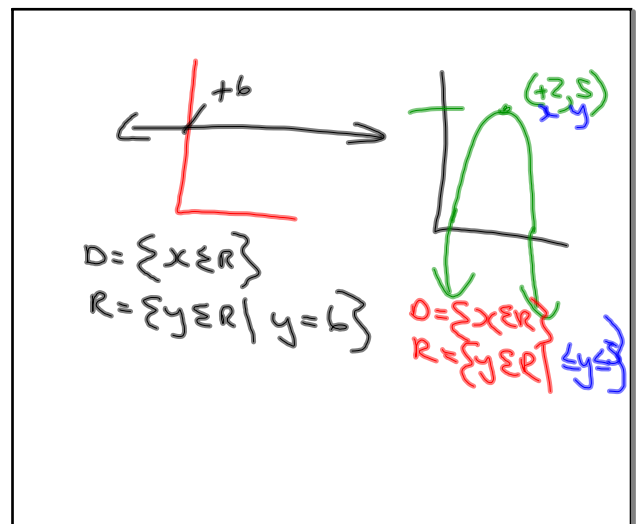
$$R = \{y \in \mathbb{W} \mid 1 \leq y \leq 5, y \neq 3, y \neq 4\}$$

$$D = \{x \in \mathbb{W} \mid 1 \leq x \leq 3\}$$

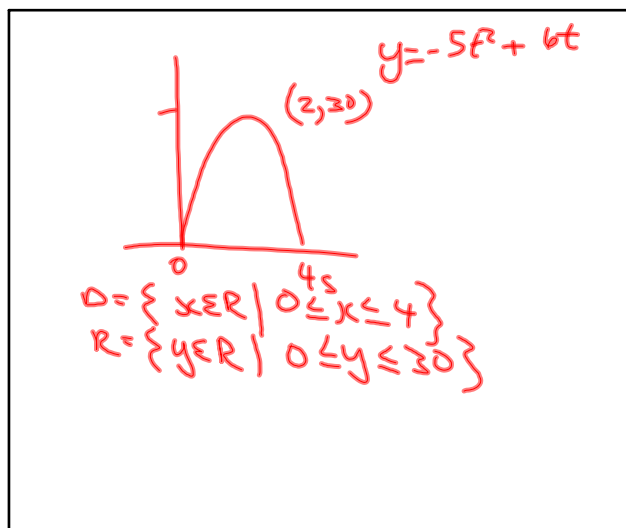
$$R = \{y \in \mathbb{W} \mid y = 4\}$$



Sep 8-10:27 AM



Sep 8-10:45 AM



Sep 14-11:17 AM